GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:292
ANSWERED ON:17.11.2016
Hydro Power in Maharashtra
Gandhi Shri Feroze Varun;Shetti Shri Raju alias Devappa Anna

Will the Minister of POWER be pleased to state:

(a) the details of the potential of hydropower generation in the country, State-wise;

(b) the reasons for not able to tap this potential, State-wise; and the reasons for consistent decline in the hydropower generation during last two decades;

(c) the details of the present hydropower projects under various states and corporations with their proposed capacity and completion period and in case of delayed projects reasons therefor, project-wise; and

(d) the steps being taken/proposed to be taken to fully harness the hydropower potential in the country, State-wise?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : As per Reassessment-Studies, carried out by CEA during 1978-87, the assessed hydro potential in the country is 148701 MW out of which 145320 MW of the potential consists of hydro electric schemes having installed capacity above 25 MW. Currently, 43112 MW (including Pumped Storage Schemes) of potential has been exploited. The state-wise details of potential and its development is enclosed at Annex-I.

The share of hydro power generation has declined due to High Capital Cost, Land Acquisition Issues, Environment and Forest Clearances, Rehabilitation & Resettlement Issues, Inadequate Infrastructural facilities in remote hydro project locations, Law & Order / Local issues, Geological Surprises, Natural Calamities, Inter-State issues, etc. and resultant relatively high tariff.

(c) : Presently, 44 Hydro-electric projects (above 25 MW) aggregating to 13182 MW are under construction in the country. The details of such projects are enclosed at Annex-II. Out of these projects, 19 Hydro electric projects aggregating to 6281 MW are stalled/stressed. The details of such projects along with reasons thereof are enclosed at Annex-III.

(d) : A number of remedial measures have been undertaken by the Government to fully harness the hydropower potential in the country viz. provision of debt financing of longer tenure under National Electricity Policy, option of charging lower rate of depreciation vis-a-vis Central Electricity Regulatory Commission (CERC) norms, extending cost plus tariff regime for public and private sector hydro projects upto 15.08.2022 in Revised Tariff Policy, excluding hydro power from Renewable Purchase Obligation etc.

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